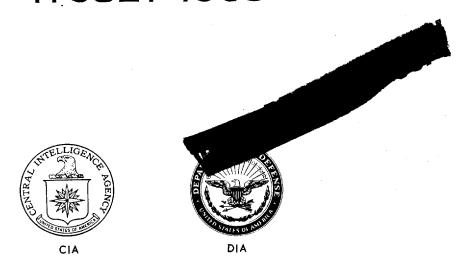
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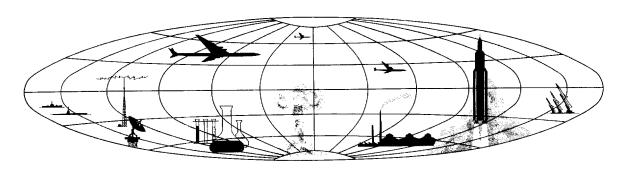
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PHOTOGRAPHIC INTERPRETATION REPORT

BRASS KNOB MISSION 3660 11 JULY 1963



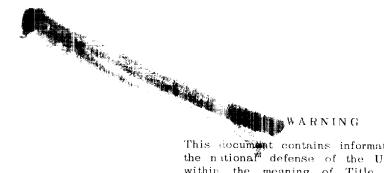
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GROUP 1 Excluded from automotic downgroding and declassification

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IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3660, DATED 11 JULY 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-MISSILES-

25X1A

TAPASTE AREA, STORAGE SITES 2303N 08207W

25X1D

NO APPARENT CHANGE SINCE

25X1D

25X1A

SAN JULIAN AIRFIELD SAM SITE 2205N 08409W

SITE CONTAINS 6 CANVAS-COVERED REVETTED LAUNCHERS, 6 CANVAS-COVERED MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE REVETMENT. THE PROBABLE TRAINING SAM SITE CONTAINS 6 UNREVETTED LAUNCHERS, 7 CANVAS-COVERED MISSILE TRANSPORTERS, 15 TRACKED PRIME MOVERS, AND AN OCCUPIED GUIDANCE AREA.

25X1D

25X1A

JIGUANI SAM SITE 2021N 07620W

SIX UNREVETTED LAUNCHERS, 6 MISSILE TRANSPORTERS, 2 4 UNIDENTIFIED VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED.

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25X1A

DELETTE SAM SITE 2259N Ø8Ø45W

SITE CONTAINS 6 REVETTED LAUNCHERS (3 CANVAS-COVERED AND 3 WITH MISSILES), ONE CANVAS-COVERED MISSILE TRANSPORTER, A CANVAS-COVERED HOLD POSITION, 10 TRACKED PRIME MOVERS, 6 SETS OF BOGIE WHEELS, AND AN OCCUPIED GUIDANCE REVETMENT.

25X1D

25X1A

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA 2257N Ø8221W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-ONE MISSILE TRANSPORTERS, 5 PROBABLE FLATBED
TRAILER-TRUCKS, AN UNDETERMINED NUMBER OF CANVASCOVERED MISSILE CANISTERS, AND 5 OTHER VEHICLES
OBSERVED.

25X1D

25X1A

CIEGO DE AVILA SAM SITE 2142N Ø785ØW

SITE CONTAINS 6 UNREVETTED LAUNCHERS, 5 MISSILE TRANSPORTERS, 13 CANVAS-COVERED TRACKED PRIME MOVERS, 6 OTHER VEHICLES, AND AN OCCUPIED GUIDANCE AREA.

25X1D

25X1A

CIFUENTES SAM ASSEMBLY AREA 2236N Ø8ØØ5W

FOLIAGE PRECLUDES INTERPRETATION.

25X1D

25X1A

MANAGUA SAM SITE 2259N Ø8215W

SIX REVETTED LAUNCHERS, AT LEAST 3 MISSILE TRANSPORTERS AND AN OCCUPIED GUIDANCE REVETMENT OBSERVED.

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-AIRFIELDS-

25X1A

CAMILO CIENFUEGOS AIRFIELD 2229N Ø7955W

AIRCRAFT -- 14 FAGOT/FRESCO OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07751W

AIRCRAFT -- ONE C-47 AND ONE CRATE OBSERVED IN CLOUD-

25X1D

25X1A

CORONEL PASCUAL AIRFIELD 2307N 08117W

AIRCRAFT -- 2 HOUND AND ONE LIAISON.

25X1D

25X1A

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N Ø8231W



AIRCRAFT -- ONE HOUND AND 63 SWEPT-WING AIRCRAFT OBSERVED.
OBLIQUITY PRECLUDES FURTHER INTERPRETATION.

25X1D

25X1A

SAN JULIAN AIRFIELD 2206N 08409W

NO AIRCRAFT OBSERVED.

25X1D

25X1A

JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

AIRCRAFT -- 2 COOT, 2 BRITANNIA (ONE PREPARING FOR TAKE-OFF), 2 CRATE, ONE LODESTAR, 3 CONSTELLATION, 3 C-54, 4 C-46, AND ONE LIAISON.

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25X1D

25X1A

CAMPO LIBERTAD AIRFIELD 2306N 08226W

AIRCRAFT -- ONE FAGOT/FRESCO WITHOUT TAIL ASSEMBLY, ONE PBY, 2 C-47, 2 CRATE, 7 COLT, AND 44 LIAISON.

25X1D

25X1A

PLAYA BARACOA AIRFIELD 2302N 08235W

AIRCRAFT -- 51 HOUND (ONE AIRBORNE), 8 HARE, 2 BELL HELICOPTERS, AND ONE C-47 OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

JAIME GONZALES AIRFIELD 2209N 08025W

NO AIRCRAFT OBSERVED.

25X1D

25X1A

BAYAMO EAST AIRFIELD 2023N 07638W

AIRCRAFT -- 2 COLT AND 2 LIAISON.

25X1D

25X1A

PINAR DEL RIO AIRFIELD 2225N 08341W

NO AIRCRAFT OBSERVED.

25X1D

25X1A

-PORTS-

MARIEL PORT AND NAVAL AIR STATION 2301N 08245W

25X1D

NO APPARENT CHANGE IN FACILITIES.
VESSELS -- 12 KOMAR-CLASS PGMG AND ONE PF
OBSERVED.

SCATTERED CLOUDS AND HAZE PRECLUDE FURTHER

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INTERPRETATION.

25X1D

25X1A

CABANAS NAVAL FACILITY 2258N Ø8258W

VESSELS -- 6 P-4 MTB AND 2 PT.

NO APPARENT CHANGE IN FACILITIES. SIXTEEN

UNIDENTIFIED CRATES AND APPROXIMATELY 15 UNIDENTIFIED

VEHICLES OBSERVED. THIS TARGET WAS PREVIOUSLY

REPORTED UNDER CABANAS, SECURED AREA UNDER

25X1A

CONSTRUCTION,

25X1D

25X1A

CIENFUEGOS PORT 2209N 08027W

VESSELS -- 2 PC (ONE KRONSHTADT-CLASS), 3 PT, AND ONE LARGE FREIGHTER AT ANCHOR WITH BOOMS ACTIVE AND 2 BARGES AND ONE LIGHTER ALONGSIDE.

25X1D

25X1A

MANZANILLO PORT 2021N 07707W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

NUEVITAS PORT 2132N Ø7716W

VESSELS -- 3 LARGE FREIGHTERS OBSERVED.

25X1D

25X1A

LA ISABELA PORT 2256N Ø8ØØ1W

VESSELS -- 2 LARGE FREIGHTERS. NO MILITARY EQUIPMENT OBSERVED.

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25X1A

CAIBARIEN PORT 2232N Ø7928W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

CARDENAS PORT 23Ø2N Ø8112W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

25X1D

25X1A

JUCARO PORT 2137N Ø7851W

VESSELS -- 2 LARGE FREIGHTERS AND 2 PROBABLE TRAWLERS ANCHORED SOUTH OF PORT.

25X1D

25X1A

MATANZAS PORT 23Ø3N Ø8134W

VESSELS -- 2 LARGE FREIGHTERS OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

HAVANA PORT 2308N 08221W

VESSELS -- 3 PF; 3 KRONSHTADT-CLASS PC; 2 PCE; 3Ø LARGE FREIGHTERS; 8 COASTAL FREIGHTERS; ONE LARGE TANKER, ONE COASTAL TANKER AND 4 TRAWLERS OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

CABANAS PORT 2259N Ø8256W

NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

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25X1D 25X1A BAHIA HONDA PORT 2255N Ø8311W NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS. 25X1D 25X1A -MILITARY ACTIVITY-PINAR DEL RIO, MILITARY CAMP 2223N Ø8342W APPROXIMATELY 30 VEHICLES VISIBLE THROUGH HAZE. 25X1D 25X1A LA BOCA, MILITARY CAMP 2301N 08242W NO APPARENT CHANGE IN FACILITIES. AT LEAST 28 VEHICLES OBSERVED. 25X1D 25X1A REMEDIOS AREA, MILITARY CAMP 2227N Ø7934W 25X1D NO APPARENT CHANGE SINCE 25X1D 25X1A ALTO CEDRO, MILITARY CAMP 2029N 07600W NO APPARENT CHANGE IN VISIBLE AREAS SINCE MISSION 25X1D 25X1D 25X1A HAVANA, AMMUNITION STORAGE AREA 2301N 08226W THE BUILDING PREVIOUSLY REPORTED UNDER CONSTRUCTION

NOW APPEARS COMPLETED.

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NO MILITARY EQUIPMENT OBSERVED.

25X1D 25X1A SANTIAGO DE LAS VEGAS AREA, MILITARY CAMP 2258N Ø822ØW NO APPARENT CHANGE SINCE 25X1D 25X1D 25X1A TORRENS, MILITARY COMPLEX 2259N Ø8228W 25X1D NO APPARENT CHANGE SINCE 25X1D 25X1A LIMONAR AREA, MILITARY CAMP 2256N Ø8124W MAIN CAMP -- NO APPARENT CHANGE: IN FACILITIES. SIXTY-EIGHT VEHICLES OBSERVED. AREA .5 NM WEST -- 15 VANS AND 4 CANVAS-COVERED EHICLES OR PIECES OF EQUIPMENT. 25X1D 25X1A CAMAGUEY AREA, MILITARY CAMP 2126N Ø7753W NO APPARENT CHANGE IN FACILITIES. TWELVE CARGO TRUCKS OBSERVED. 25X1D 25X1A VICTORIA DE LAS TUNAS, MILITARY CAMP 2054N 07655W NO MILITARY EQUIPMENT OR ACTIVITY OBSERVED. 25X1D 25X1A MANAGUA, MILITARY CAMP 2258N: Ø8217W

NINE TANKS/SP GUNS, 39 LOWBOY TRAILERS, AND APPROXIMATELY 400 OTHER VEHICLES SCATTERED THROUGHOUT AREA.

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25X1D 25X1A NAZARENO, MILITARY AREA 2258N Ø8214W NO APPARENT CHANGE: IN FACILITIES. AT LEAST 12 TANKS/SP GUNS AND 15 UNIDENTIFIED VEHICLES OBSERVED. 25X1D 25X1A BAJURAYABO AREA, MILITARY CAMP 23Ø8N Ø821ØW 25X1D NO APPARENT CHANGE SINCE 25X1D 25X1A GUANABACOA, MILITARY AREA 2307N 08215W 25X1D NO APPARENT CHANGE SINCE 25X1D 25X1A HAVANA AREA, MILITARY CAMP 2300N 08218W AREA 1 :-- AT LEAST 9 TANKS/SP GUNS AND APPROXIMATELY : 75 OTHER VEHICLES. AREA 2 -- APPROXIMATELY 60 VEHICLES AND AT LEAST 10 FA PIECES. AREA 3 -- AT LEAST 18 TANKS/SP GUNS AND 10 OTHER VEHICLES. AREA 4 -- 5 VEHICLES AND 4 FA PIECES. AREA 5 -- 18 VEHICLES AND 3 FA PIECES. FOLIAGE AND OBLIQUITY PRECLUDE FURTHER INTERPRETATION. 25X1D 25X1A GUANE, MILITARY CAMP 2212N Ø84Ø8W TWELVE TANKS/SP GUNS AND 20 CARGO TRUCKS OBSERVED. 25X1D

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25X1A

HOLGUIN MILITARY CAMP NW 2057N 07616W

NO APPARENT CHANGE: IN FACILITIES.
AT LEAST 15 TANKS/SP GUNS AND 9 OTHER VEHICLES
OBSERVED.

25X1D

25X1A

SAN JOSE DE LAS LAJAS AREA, PROB AMMO STGE 2257N Ø8211W

NO APPARENT CHANGE IN FACILITIES. NO MILITARY EQUIPMENT OBSERVED.

25X1D

25X1A

EL CRIOLLO, MILITARY CAMP 2259N Ø8225W

25X1D

NO APPARENT CHANGE SINCE

25X1D

25X1A

CANTEL, MILITARY CAMP 2302N 08119W

NO APPARENT CHANGE IN FACILITIES. EIGHTEEN TANKS/SP GUNS AND ONE CARGO TRUCK OBSERVED.

25X1D

25X1A

LOMAS TETAS DE MANAGUA, TANK PARK 2258N 08219W

NO APPARENT CHANGE IN FACILITIES. EIGHTEEN TANKS/SP GUNS AND 17 OTHER VEHICLES OBSERVED.

25X1D

25X1A

GUANAJAY MILITARY CAMP MARTIN MESA 2257N Ø8243W

NO APPARENT CHANGE IN FACILITIES.
NINE TANKS/SP GUNS, APPROXIMATELY 65 OTHER VEHICLES AND AT LEAST 23 FA PIECES OBSERVED.

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25X1A

GUANABANA, MILITARY AREA 2258N Ø8132W

NO APPARENT CHANGE IN FACILITIES.
TWENTY-EIGHT CARGO TRUCKS AND 18 FA PIECES OBSERVED.

25X1D

25X1A

LIMONAR, TANK TRAINING AREA 2254N Ø8122W



NO APPARENT CHANGE IN FACILITIES. SIXTEEN CARGO TRUCKS OBSERVED.

25X1D

25X1A

SAN DIEGO DE NUNEZ, MILITARY CAMP 2255N Ø83Ø5W



THIRTEEN TANKS/SP GUNS AND APPROXIMATELY 18 OTHER VEHICLES OBSERVED THROUGH HAZE.

25X1D



GUANABANA AREA, MILITARY CAMP 2258N Ø8134W



NINE TANKS/SP GUNS OBSERVED.

25X1D

25X1A

GUAYABAL MILITARY AREA 2254N Ø8237W



THIRTY-ONE VEHICLES, 18 FA PIECES, AND 4 FA OR AAA PIECES OBSERVED.

25X1D



25X1A

SANTA CLARA AREA, ARTILLERY TRAINING AREA 2224N 08000W



25X1D

NO APPARENT CHANGE SINCE EXCEPT FOR A CONVOY CONSISTING OF 9 CARGO TRUCKS WITH 5 FA PIECES IN TOW ENTERING AREA 1.

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25X1A SPECIAL AREA ALPHA 2258N Ø8227W NO NEW MILITARY ACTIVITY OBSERVED. 25X1D 25X1A MATANZAS LANDING BEACH 2301N 08126W NO NEW MILITARY ACTIVITY IN CLOUD-FREE AREAS. 25X1D 25X1A VARADERO LANDING BEACH 2308N 08118W NO NEW MILITARY ACTIVITY OBSERVED. 25X1D 25X1A NICARO LANDING BEACH 2042N 07533W NO NEW MILITARY ACTIVITY OBSERVED. 25X1D -MISCELLANEOUS ACTIVITY-25X1A MANAGUA, MUNITIONS STORAGE SITE 2258N Ø8218W NO APPARENT CHANGE IN FACILITIES. NO MILITARY EQUIPMENT OBSERVED. 25X1D 25X1A BEJUCAL, MUNITIONS STORAGE SITES 2256N Ø8223W NO APPARENT CHANGE IN FACILITIES. APPROXIMATELY 25 VEHICLES OBSERVED IN HEADQUARTERS 25X1D

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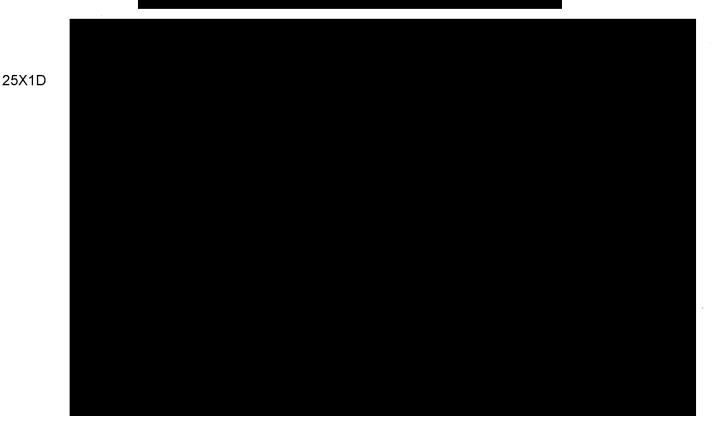
25X1A

SANTA CLARA AREA, MILITARY INSTALLATION 2224N Ø7953W



FIVE UNIDENTIFIED VEHICLES OBSERVED AT WEST SIDE OF CLUB CUBANACAN AND APPROXIMATELY 25 UNIDENTIFIED VEHICLES OBSERVED AT STORAGE AREA NORTH.

25X1D



-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE-

25X1A

GHANA.IAY	TRBM SITE 1		
	GRANDE MRBM	SITE	. 1
SAGUA LA	GRANDE MRBM	SITE	2
	IRBM SITE		
	IRBM SITE 2		
	CIA SAM SITE		
MATANZAS	SAM SITE		

2257N Ø8239W 2243N Ø8ØØ1W 2239N Ø7951W 2225N Ø7935W 2257N Ø8236W 2241N Ø8355W 23Ø1N Ø8129W

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	2228N 2147N 2113N	Ø8ØØ5W Ø7929W Ø7929W Ø77Ø2W
CAIBARIEN SAM SITE SANCTI SPIRITUS SAM SITE MANATI SAM SITE	2147N 2113N	Ø7929W
SANCTI SPIRITUS SAM SITE MANATI SAM SITE	2113N	
MANATI SAM SITE		07702W
ECMEDALDA SATE		5.7 F F 5.8 Sai 17
	2155N	Ø7813W
		Ø7844W
CIEGO DE AVILA, SAM ASSEMBLY AREA		07700W
VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA		Ø775ØW
CAMAGUEY AIRFIELD SAM SITE		
SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE	2383N	2013UN
CAMPO ELOPIDO CRUISE-MISSILE SITE	2306N	DOSITM
SURGIDERO DE BATABANO PORT	2241N	
DUEDTO DADDE DODT	2113N	Ø7632W
HAVANA AREA COMMUNICATIONS CENTER	23ØØN	Ø8226W
MINAS, AMMUNITION STORAGE AREA	23Ø7N	Ø8211W
CAMPO FLORIDA, MILITARY CAMP	23Ø7N	Ø82Ø6W
MESTANZA, EXPLOSIVES STORAGE SITE	2228N	Ø8347W
MESTANZA, EXPLUSIVES STUNAGE STIC		Ø8213W
LOMA DE TIERRA, MILITARY CAMP		Ø8211W
MINAS AREA, MILITARY CAMP		Ø8246W
SPECIAL AREA HOTEL		Ø8231W
SPECIAL AREA BRAVO RED		
SPECIAL AREA VICTOR		Ø8234W
SPECIAL AREA TANGO		Ø8244W
TAGAGA I AMOTNO REACH		Ø8212W
SAN FRANCISCO DE PAULA, MUNITIONS STORAGE SI	TEDRAGAN	-Ø8218₩

25X1D

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED --

25X1A

SAN CRISTOBAL MRBM SITE 3	2242N Ø83Ø8	
MARIEL SAM SITE	23ØØN Ø8249	
CIENFUEGOS SAM SITE	22Ø2N Ø8Ø24	M
MANZANILLO SAM SITE	2018N 07706	W
MANZANILEU DAN SILL	2221N Ø8339	W.
PINAR DEL RIO SAM ASSEMBLY AREA	23ØØN Ø825Ø	
GUERRA PUSSIBLE CROISE HILDOIDE	2048N 07618	
HOLGUIN AIRFIELD		
MANZANILLO AREA, MILITARY CAMP		
LA FLORA AREA, MILITARY STORAGE	2252N Ø8233	
ARTEMISA, MILITARY CAMP	2251N Ø8248	
CABANAS AREA, MILITARY CAMP	2256N Ø8251	W
CAMAGUST ADEA MILITARY CAMP 1	2121N Ø7759	ðW.
CAMAGUEY AREA, MILITARY CAMP 1 SAN JOSE DE LAS LAJAS AREA, MILITARY CAMP		
SAN JOSE DE LAS LAJAS AREA, MILITARI CAMI	2221N Ø795	7 W
SANTA CLARA AREA, MILITARY ACTIVITY	2006N 07701	
LAS MERCEDES, MILITARY CAMP		
ANTON RECTO. MILITARY INSTALLATION	2211N Ø8Ø30	
MARTI AREA, ARMOR TRAINING AREA	2230N MOM3	
SPECIAL AREA BRAVO BLUE	225ØN Ø823	3 W

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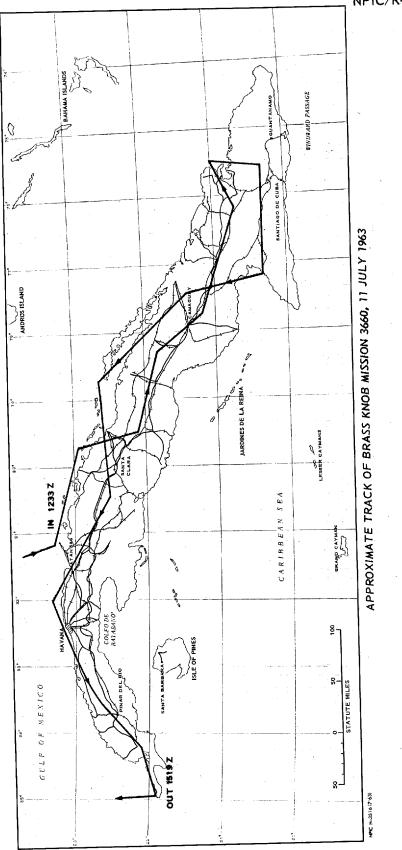
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25X1A

CIENFUEGOS LANDING BEACH	2202N 08036W
ENSENADA COLORADO LANDING BEACH	2202N 08025W
MAYARI ARRIBA, MILITARY INSTALLATION	2027N 07531W
LA ROSITA AREA, STORAGE: INSTALLATION	2208N 08004W
MANICARAGUA AREA, EXPLOSIVES STORAGE SITE	2206N 07958W

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